

# Improved Wonder

## Fanning Mill Separator Cleaner and Grader

The Mill with the Glazed  
Cloths between the Sieves



No. 1  
24-inch Mill with Cup Bagger

Separates Oats and Wild Oats  
from Wheat and Barley and  
Does It Perfectly

MANUFACTURED IN FOUR SIZES  
No. 1, No. 2, No. 3, No. 4

## Cockshutt Plow Co., Limited

Winnipeg,      Regina,      Saskatoon  
Calgary,      Edmonton

# Mr. Dealer and Mr. Farmer:—Note the Sectional View

It's a Fanning Mill! Yes and More than That, It's a Separator, a Cleaner and a Grader! It's All That A Fanning Mill Should Be.

The Improved Wonder Fanning Mill Is All That the Name Implies—It's a Wonder in Cleaning, Separating and Grading All Kinds of Grain

*Remember a Fanning Mill of our type will not injure or damage the grain when cleaning it for seed as it is with a Machine of the Disc type.*

## SEPARATION

Our separating gang consists of five zinc sieves arranged in such a position that every portion of every sieve is working at all times; also every kernel of grain is compelled to come in contact with the sieves, which insures a perfect separation and a very large capacity. Over each of these zinc sieves are arranged a series of Glazed Cambric which works on the sieves at all times, receiving all the grain from the sieve above, keeping the oats flat and tailing them over; at the same time pushing the wheat through and not permitting any to flow over the tailings.

By studying the sectional view it will be noticed how this series of aprons subdivide the grain being cleaned. Each part of the sieves are cleaning a small portion of grain; tailing over the oats and pushing onto the sieve below the cleaned product, so it can be readily seen how with this mill, once the grain is cleaned, the product being cleaned is recleaned by each succeeding sieve, while the tailings are carried off immediately and permanently disposed of.

After the top sieves have removed all the chaff, rubbish, wild oats, etc., the grain is ready to be graded.

## GRADING

After the grain leaves the top shoe it falls through the neck of the drum where as much or little blast as is required can be used, so the grain is practically weighed. We use extra long screens in the lower shoe, so that the grain is perfectly cleaned and graded. Under these screens are stationary cleaning bars which at all times keep the lower screens clean insuring a perfect grade and a large capacity.

Will separate oats and wild oats from wheat and barley and grade the wheat or barley for seed; also separates, cleans and grades flax, oats, rye, timothy, clover, alfalfa, millet, buckwheat, corn, beans, peas and other grains and grass seeds to your entire satisfaction for seed and market.

Speed of Hand Wheel,  
50 revolutions per minute.

Speed of Power Pulley  
Attachment, 310 revolutions per minute. Pulley, 8 inches diameter, 2-inch face.

Separating Gang consists of 5 zinc sieves; each sieve has 22 inches in length of perforated surface, insuring large capacity and thorough separation; also, note the Glazed Cambric aprons between the sieves for separating oats and wild oats.

Adjustable Deflector for regulating the under shot blast.

End shake applied to lower screen insuring a smooth running mill.

Stationary Slats with convex edge to clean and support screen.

## Improved Wonder

Sectional View

Adjustable Hopper Boards for grain to be cleaned.

Automatic Adjustable Force Feed vibrated by upper shoe.

Amount of feed regulated by burr on spring rod.

End shake applied to upper shoe to counterbalance with lower screen.

Large Blast Drum regulated by wind boards on the sides.

Speed of Fan Shaft, 350 revolutions per minute.

Screens interchangeable from lower to upper shoe. Length of screening surface, 36 inches.

Wagon Box Cup Elevators, 8, 10 and 12-foot lengths. Regular Bagger with double sack head attached to side of mill.

**INCREASES CROP YIELDS  
NO MORE LABOR TO RAISE A BIG CROP THAN A SMALL ONE  
THE PROFIT IS IN THE EXTRA BUSHELS**

**INCREASES FARM PROFITS**

# Improved Wonder Twin

## No. 4 48-Inch Improved Wonder

The construction of this mill is the same as Two No. 1 24-inch mills placed in one main frame only built much heavier. Sieves and screens are in two separate sections, to prevent sagging and increases their efficiency with an even flat surface, which is needed to do a quality grade of cleaning. Blast drums are also in two sections, insuring and giving a more uniform and effect of the blast on the grain. A heavier frame is used and all boxes are heavier and equipped with hard oil grease cups. Fan shaft is  $\frac{3}{4}$ -inch cold rolled steel and is driven direct. No mill is manufactured better and more durable for the large growers of grains and grass seeds than this Improved Wonder Twin.



No. 4, 48-Inch improved Wonder Mill, Equipped with  
10-Foot Cup Elevator that has an Auger  
Conveyor Delivery.

Eight, 10 and 12-foot cup elevators and double sacking cup baggers can be had for all sizes of Improved Wonder Mills.

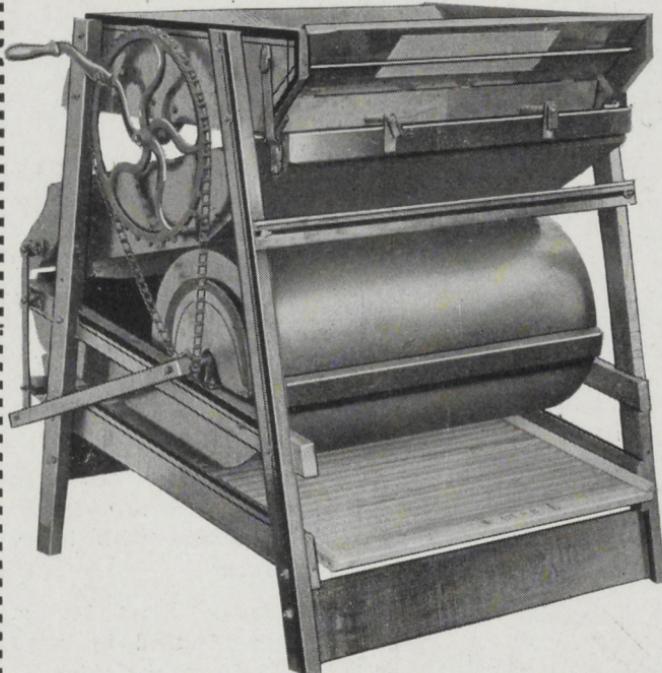
No. 3, 40-inch, and No. 4, 48-inch, Baggers and Elevators are equipped with an auger conveyor in the delivery spout.

Perfectly balanced separating and screening shoes work with end shake and run in opposite directions; insure smooth and easy running. Has capacity of 75 to 100 bushels per hour and is a power driven mill only, requires but  $\frac{1}{2}$  horsepower to operate.

## DOCKAGE

Every farmer who does not clean his grain before he sells it is simply giving away part of his profits and in many instances most of the yearly profit which is due him.

With the IMPROVED WONDER he can clean all his seed before selling, in a short time, as the capacity is very large. Then the grain will have a better grade at the elevator and no dockage. All the cracked kernels, small seeds, etc., can then be used for feed, result being a high grade of seed, a higher price for his grain and all the would-be dockage left at home for feed.



No. 2—32-inch Mill

## CAPACITY

	Bushels Per Hour			
	No. 1	No. 2	No. 3	No. 4
Separating wild and tame oats from wheat.....	20-30	30-50	55-70	75-90
Separating wild and tame oats from barley.....	20-25	25-30	40-50	55-70
Cleaning wheat.....	20-30	30-50	55-70	75-90
Cleaning oats and barley	30-40	40-65	65-90	90-100
Cleaning flax.....	15-20	25-30	35-40	50-60
Cleaning and separating grass seeds.....	15-20	25-30	35-40	50-60

There is no question about the value of a GOOD DEPENDABLE grain Cleaner and Grader to the average farmer. It's a necessity, and has proven so. Every farmer of today recognizes it as one of the most important pieces of farm equipment that he can buy. The only question is in the selection of the right one—the one that gives the most in service and satisfaction.

The mill that cleans, grades and separates wheat, oats, barley, flax, rye, corn, clover, timothy, alfalfa, peas, beans, millet, buckwheat and grass seeds.

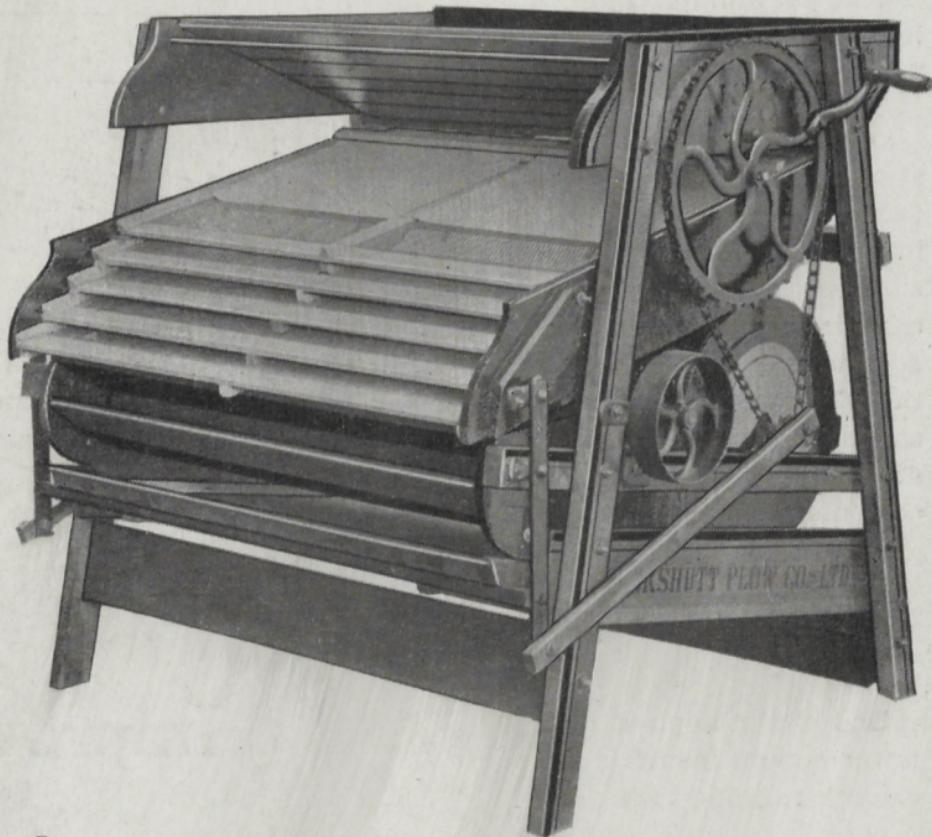
## GUARANTEE

Every machine leaving our factory is absolutely guaranteed to be free from any defects in material and workmanship, and we agree to replace, free of charge, provided such defective part is surrendered for our inspection.

Mr. Farmer

*Have You Seen the*

**IMPROVED  
WONDER**



No. 3—40-inch Mill with Power

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SOLD BY